

## Computing Systems Services Technical Bulletin

Number: 0053  
Issued Date: November 1, 1984  
Effective Date: November 1, 1984  
Section/Groups:  
Submitted By:  
Approved By:

### TSO Command Procedures

#### I. Obsolete Commands

Under the SP1.3 release of the operating system of the Amdahl V6, V8 and IBM 3081D, some commonly used TSO Command Procedure (CLIST) functions will no longer work as before.

The semicolon string character ";" will no longer work.

Example:      `top;down 5;c * /$/*/`

should be changed as follows

```
top
down 5
c * /$/*/
```

The "X" command used to escape the EDIT command and perform READY mode functions (with a subsequent return to EDIT) will no longer work.

- Examples"      1.      EXEC can no longer be used as a subcommand of EDIT unless the CLIST being executed contains only command procedure commands (no TSO commands will be allowed, because being under control of EDIT it would be necessary to precede the TSO command with the "X" escape character which no longer exists).

```
EDIT USERID.FILE.DATA
EXEC (PROC)
```

```
PROC 0
X EDIT 'SYS1.PROCLIB(TSODUMY)'
```

This will not work because the "X" command is not supported.  
Please remove the command "X" and rerun your CLIST as follows:  
READY

EXEC (PROC)

2. When the "X" command appears embedded within an EDIT, it will be necessary to remove both the "X" and the command which it precedes because removing only the "X" would leave a TSO command-level command within the scope of an EDIT.

READY  
EXEC (PROC)

```
PROC 0
EDIT USERID,FILE.DATA
X LISTCAT
```

This will no longer work because "X" is not supported. You must remove both the "X" and the command following it.

## II. Automatic Job Card

The TSO job submit exit that automatically builds job cards using information obtained from your LOGON session may be working differently than before. We have discovered a couple of methods that may prove helpful.

- A. Consider building your own job cards within the CLIST:

```
PROC 5      CHAR CLASS MSGCL SYSTEM RMT
            ACCT('NN,NNNNNN,NNNNNNNN,,FML')
EDIT        '&SYSUID..CNTL9TSODUMMY)' OLD,NUM    (or a dataset of yours)
10  //&SYSUID.&CHAR. JOB (&ACCT.), '&SYSUID.',
20  //          CLASS=&CLASS.,NOTIFY=&SYSUID.,
30  //          MSGCLASS=&MSGCL.
40  /$JOBPARM  S=MVS&SYSTEM.
50  /$ROUTE    PRINT RMT&RMT.
CHANGE 40 50 /$/* /ALL
```

Notes:

1. Member TSODUMMY should contain 99999 /\* where the "/\*" is in column 1-2 and the sequence number 99999 is in column 73-80.
2. If you choose to get your End-Of-File card from a dataset other than SYS1.PROCLIB, be sure that it has these DCB attributes:

DCB=(RECFM=FB, LRECL=80, BLKSIZE=3120).

3. Asterisks cannot be used in statements 40 & 50 because "/\*" is a comment to TSO command language.
  4. Do not use the tab character (logical not sign) to build your JOB card.
- B. Let the SUBMIT exit build your JOB card, but make sure that the first card in your jobstream is: /\*

### III. D.P.D. Support of CLISTS and Command Procedures

The following Command Procedures have already been modified by D.P.D. personnel to correct the "obsolete character" problem discussed in paragraph I.

FI.CMDPROC  
HL.CMDPROC  
LV.CMDPROC  
NR.COMPROC  
SD.CMDPROC  
SR.CMDPROC  
SYSP.CMDPROC  
TX.PROD.CMDPROC  
TX.TEST.CMDPROC  
WE.CMDPROC

We recognize that many users have written CLISTS in their own private TSO libraries. We cannot identify all of these libraries. If you have a CLIST that needs modification, please call Phil Stephenson (533-7962) and he will run a "scan" program to search you CLIST and find all occurrences of the obsolete characters. We do not have sufficient staff to make all of the changes for you, but with the help of the "scan" report, you should be able to make the changes very easily.

### IV. Documentation

We would like to encourage all users of TSO Command Language to obtain a copy of the OS/VS2 TSO Terminal User's Guide (GC28-0645) and become familiar with Section VI (Using Command Procedures). This manual can be obtained by calling Elaine Oaks (533-6393). Another very useful manual is the OS/VS2 TSO Command Language Reference (GC28-0646).